IN THE CLAIMS:

1.   (Previously Presented) A digital broadcasting system comprising:

an authoring apparatus and a transmission apparatus that transmits a content transferred from the authoring apparatus,

wherein the authoring apparatus includes:

a generating means for generating event information, which defines an event message that should be transmitted immediately after an operator's instruction to transmit the event message is inputted;

a processing means for processing a content, which should be transferred to the transmission apparatus, by adding the generated event information; and

an extracting means for extracting the event information from the processed content by referring to the tag information; and

a transferring means for transferring the extracted event information to the transmission apparatus, and

the transmission apparatus includes:

a storing means for storing the event message included in the event information transferred from the authoring apparatus;

an issuing means for issuing the event message stored in the storing means by receiving the operator's instruction; and

a multiplexing means for multiplexing and transmitting the issued event message with a content that has been transferred from the authoring apparatus,

wherein the generated event information includes the event message and tag information,

the tag information allowing the authoring apparatus to recognize that the event message should be (a) transferred to the transmission apparatus before the operator's instruction is inputted and (b) transmitted from the transmission apparatus immediately after the operator's instruction is inputted.

2-3.   (Cancelled)

4.   (Previously Presented) The digital broadcasting system of Claim 1,

wherein the authoring apparatus further includes an obtaining means for obtaining a content, to which event information has been added, from the outside, and

the extracting means extracts the event information from the obtained content.

5.   (Original) The digital broadcasting system of Claim 4,

wherein the obtaining means obtains a content, to which event information has been added, from a transportable recording medium.

6.   (Original) The digital broadcasting system of Claim 4,

wherein the obtaining means obtains a content, to which event information has been added, via a network.

7-50.   (Cancelled)

51.   (Previously Presented) A digital broadcasting system comprising an authoring apparatus and a transmission apparatus that transmits a content transferred from the authoring apparatus,

wherein the authoring apparatus includes:

a generating means for generating event information, which defines an event message that should be transmitted immediately after an operator's instruction to transmit the event message is inputted, and

a processing means for processing a content, which should be transferred to the transmission apparatus, by adding the generated event information,

wherein the generated event information includes the event message and tag information,

the tag information allowing the authoring apparatus to recognize that the event message should be issued to the transmission apparatus and transmitted therefrom immediately after the operator's instruction is inputted,

wherein the authoring apparatus further includes:

an extracting means for extracting the event information from the processed content by referring to the tag information;

a storing means for storing the event message included in the extracted event information; and

an issuing means for issuing the event message stored in the storing means to the transmission apparatus by receiving the operator's instruction, and

the transmission apparatus includes:

a multiplexing means for multiplexing and transmitting the issued event message with a content that has been transferred from the authoring apparatus.

52.   (Previously Presented) The digital broadcasting system of Claim 51,

wherein the authoring apparatus further includes an obtaining means for obtaining a content, to which event information has been added, from the outside, and

the extracting means extracts the event information from the obtained content.

53.   (Previously Presented) The digital broadcasting system of Claim 52,

wherein the obtaining means obtains a content, to which event information has been added, from a transportable recording medium.

54.   (Previously Presented) The digital broadcasting system of Claim 52,

wherein the obtaining means obtains a content, to which event information has been added, via a network.

55.   (Previously Presented) An authoring apparatus comprising:

a generating means for generating event information, which defines an event message that should be transmitted immediately after an operator's instruction to transmit the event message is inputted,

wherein the generated event information includes the event message and tag information,

the tag information allowing the authoring apparatus to recognize that the event message should be (a) transferred to the transmission apparatus before the operator's instruction

is inputted and (b) transmitted from the transmission apparatus immediately after the operator's instruction is inputted;

a processing means for processing a content, which should be transferred to a transmission apparatus, by adding the generated event information;

an extracting means for extracting the event information from the processed content by referring to the tag information; and

a transferring means for transferring the extracted event information to the transmission apparatus.

56.   (Previously Presented) The authoring apparatus of Claim 55 further comprising:

an obtaining means for obtaining a content, to which event information has been added, from the outside.

wherein the extracting means extracts the event information from the obtained content.

57.   (Previously Presented) The authoring apparatus of Claim 56,

wherein the obtaining means obtains a content, to which event information has been added, from a transportable recording medium.

58.   (Previously Presented) The authoring apparatus of Claim 56,

wherein the obtaining means obtains a content, to which event information has been added, via a network.

59.   (Previously Presented) An authoring apparatus comprising:

a generating means for generating event information, which defines an event message that should be transmitted immediately after an operator's instruction to transmit the event message is inputted, wherein the generated event information includes the event message and tag information,

the tag information allowing the authoring apparatus to recognize that the event message should be issued to the transmission apparatus and transmitted therefrom immediately after the operator's instruction is inputted;

a processing means for processing a content, which should be transferred to a transmission apparatus, by adding the generated event information;

an extracting means for extracting the event information from the processed content by referring to the tag information;

a storing means for storing the event message included in the extracted event information; and

an issuing means for issuing the event message stored in the storing means to the transmission apparatus by receiving the operator's instruction.

60.   (Previously Presented) The authoring apparatus of Claim 59 further comprising:

an obtaining means for obtaining a content, to which event information has been added, from the outside,

wherein the extracting means extracts the event information from the obtained content.

61.   (Previously Presented) The authoring apparatus of Claim 60,

wherein the obtaining means obtains a content, to which event information has

been added, from a transportable recording medium.

62.   (Previously Presented) The authoring apparatus of Claim 60,

wherein the obtaining means obtains a content, to which event information has

been added, via a network.

63.   (Previously Presented) An event message transmission method for use in a digital

broadcasting system including an authoring apparatus and a transmission apparatus that transmits

a content transferred from the authoring apparatus,

the event message transmission method comprising:

a generating step for generating event information, which defines an event

message that should be transmitted immediately after an operator's instruction to transmit the

event message is inputted, wherein the generated event information includes the event message

and tag information,

the tag information allowing the authoring apparatus to recognize that the event

message should be (a) transferred to the transmission apparatus before the operator's instruction

is inputted and (b) transmitted from the transmission apparatus immediately after the operator's

instruction is inputted;

a processing step for processing a content, which should be transferred to the

transmission apparatus, by adding the generated event information,

an extracting step for extracting the event information from the processed content

by referring to the tag information:

a transferring step for transferring the extracted event information to the transmission apparatus,

a storing step for storing, in a storing unit of the transmission apparatus, the event message included in the event information transferred from the authoring apparatus;

an issuing step for issuing the event message stored in the storing unit by receiving the operator's instruction; and

a multiplexing step for multiplexing and transmitting the issued event message with a content that has been transferred from the authoring apparatus.

64.   (Previously Presented) The event message transmission method of Claim 63 further comprising:

an obtaining step for obtaining a content, to which event information has been added, from the outside,

wherein the extracting step extracts the event information from the obtained content.

65.   (Previously Presented) The event message transmission method of Claim 64, wherein the obtaining step obtains a content, to which event information has been added, from a transportable recording medium.

66.   (Previously Presented) The event message transmission method of Claim 64, wherein the obtaining step obtains a content, to which event information has been added, via a network.

67.   (Previously Presented) An event message transmission method for use in a digital

broadcasting system comprising an authoring apparatus and a transmission apparatus that

transmits a content transferred from the authoring apparatus,

the event message transmission method comprising:

a generating step for generating event information, which defines an event

message that should be transmitted immediately after an operator's instruction to transmit the

event message is inputted, wherein the generated event information includes the event message

and tag information,

the tag information allowing the authoring apparatus to recognize that the event

message should be issued to the transmission apparatus and transmitted therefrom immediately

after the operator's instruction is inputted;

a processing step for processing a content, which should be transferred to the

transmission apparatus, by adding the generated event information,

an extracting step for extracting the event information from the processed content

by referring to the tag information;

a storing step for storing, in a storing unit of the authoring apparatus, the event

message included in the extracted event information;

an issuing step for issuing the event message stored in the storing unit to the

transmission apparatus by receiving the operator's instruction; and

a multiplexing step for multiplexing and transmitting the issued event message

with a content that has been transferred from the authoring apparatus.

68.   (Previously Presented) The event message transmission method of Claim 67 further comprising:

an obtaining step for obtaining a content, to which event information has been added, from the outside, wherein the extracting step extracts the event information from the obtained content.

69.   (Previously Presented) The event message transmission method of Claim 68, wherein the obtaining step obtains a content, to which event information has been added, from a transportable recording medium.

70.   (Previously Presented) The event message transmission method of Claim 68, wherein the obtaining step obtains a content, to which event information has been added, via a network.

71.   (Previously Presented) An event message generating method used by an authoring apparatus, comprising:

a generating step for generating event information, which defines an event message that should be transmitted immediately after an operator's instruction to transmit the event message is inputted, wherein the generated event information includes the event message and tag information,

the tag information allowing the authoring apparatus to recognize that the event message should be (a) transferred to the transmission apparatus before the operator's instruction is inputted and (b) transmitted from the transmission apparatus immediately after the operator's instruction is inputted;

a processing step for processing a content, which should be transferred to a transmission apparatus, by adding the generated event information;

an extracting step for extracting the event information from the processed content by referring to the tag information; and

a transferring step for transferring the extracted event information to the transmission apparatus.

72.   (Previously Presented) The event message generating method of Claim 71 further comprising:

an obtaining step for obtaining a content, to which event information has been added, from the outside,

wherein the extracting step extracts the event information from the obtained content.

73.   (Previously Presented) The event message generating method of Claim 72,

wherein the obtaining step obtains a content, to which event information has been added, from a transportable recording medium.

74.   (Previously Presented) The event message generating method of Claim 72,

wherein the obtaining step obtains a content, to which event information has been added, via a network.

75.   (Previously Presented) An event message generating method used by an authoring apparatus, comprising:

a generating step for generating event information, which defines an event message that should be transmitted immediately after an operator's instruction to transmit the event message is inputted, wherein the generated event information includes the event message and tag information,

the tag information allowing the authoring apparatus to recognize that the event message should be issued to the transmission apparatus and transmitted therefrom immediately after the operator's instruction is inputted;

a processing step for processing a content, which should be transferred to a transmission apparatus, by adding the generated event information;

an extracting step for extracting the event information from the processed content by referring to the tag information;

a storing step for storing, in a storing unit of the authoring apparatus, the event message included in the extracted event information; and

an issuing step for issuing the event message stored in the storing unit to the transmission apparatus by receiving the operator's instruction.

76.   (Previously Presented) The event message generating method of Claim 75 further comprising:

an obtaining step for obtaining a content, to which event information has been added, from the outside,

wherein the extracting step extracts the event information from the obtained content.

77.   (Previously Presented) The event message generating method of Claim 76, wherein the obtaining step obtains a content, to which event information has been added, from a transportable recording medium.

78.   (Previously Presented) The event message generating method of Claim 76, wherein the obtaining step obtains a content, to which event information has been added, via a network.